THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **: Kazuo NAGATANI, et al.**

Filed: **: Concurrently herewith**

For: **: METHOD AND APPARATUS FOR .....**

Serial No. **: Concurrently herewith**

December 6, 2001

Assistant Commissioner of Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

S I R:

Prior to the issuance of an Office Action, please amend the specification and claims as follows:

IN THE CLAIMS:
Please amend the following claims:

6.(Amended) A distortion compensation method according to claim 1, comprising one distortion compensation coefficient, which corresponds to a present transmit signal and a plurality of signals transmitted in the past, is read out of the memory and distortion compensation processing is executed.

7. (Amended) A distortion compensation method according to claim 1, wherein one distortion compensation coefficient that corresponds to two signals, namely a present transmit signal and a signal transmitted previously, is read out of the memory and distortion compensation processing is executed.

10. (Amended) A distortion compensation method according to claim 1, wherein a distortion compensation coefficient, which corresponds to a power value of a present transmit signal and a

power value of a signal transmitted in the past, is read out of the memory and distortion compensation processing is executed.

11. (Amended) A distortion compensation method according to claim 1, wherein a distortion compensation coefficient, which corresponds to an amplitude value of a present transmit signal and an amplitude value of a signal transmitted in the past, is read out of the memory and distortion compensation processing is executed.

REMARKS

This amendment is being submitted to avoid multiple dependent claims.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

Favorable consideration is respectfully requested.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please amend the following claims:

6.(Amended) A distortion compensation method according to claim 1 ~~or 2~~, comprising one distortion compensation coefficient, which corresponds to a present transmit signal and a plurality of signals transmitted in the past, is read out of the memory and distortion compensation processing is executed.

7. (Amended) A distortion compensation method according to claim 1 ~~or 2~~, wherein one distortion compensation coefficient that corresponds to two signals, namely a present transmit signal and a signal transmitted previously, is read out of the memory and distortion compensation processing is executed.

10. (Amended) A distortion compensation method according to claim 1 ~~or 2~~, wherein a distortion compensation coefficient, which corresponds to a power value of a present transmit signal and a power value of a signal transmitted in the past, is read out of the memory and distortion compensation processing is executed.

11. (Amended) A distortion compensation method according to claim 1 ~~or 2~~, wherein a distortion compensation coefficient, which corresponds to an amplitude value of a present transmit signal and an amplitude value of a signal transmitted in the past, is read out of the memory and distortion compensation processing is executed.